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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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703-305-4827

EXAMINER

ALLEN, J. W.
ALLEN, J. W. (INCORPORATED)
6400 JEFFERSON BOULEVARD
SAN DIEGO CA 92121

ART UNIT

PAPER NUMBER

2611

14

DATE MAILED:

9/22/95

NOTICE OF ALLOWABILITY

PART I.

1. ☒ This communication is responsive to Pre-Amendment filed 9/22/95
2. ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
3. ☒ The allowed claims are 12-20 (re-numbered as 1-9)
4. ☐ The drawings filed on _____ are acceptable.
5. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. _____, filed on _____.
6. ☒ Note the attached Examiner's Amendment.
7. ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
8. ☒ Note the attached Examiner's Statement of Reasons for Allowance.
9. ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
10. ☒ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

1. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
2. ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 - a. ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 07. CORRECTION IS REQUIRED.
 - b. ☐ The proposed drawing correction filed on _____ has been approved by the examiner. CORRECTION IS REQUIRED.
 - c. ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 - d. ☒ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- ☒ Examiner's Amendment
- ☒ Examiner Interview Summary Record, PTOL-413
- ☒ Reasons for Allowance
- ☒ Notice of References Cited, PTO-892
- ☒ Information Disclosure Citation, PTO-1449

- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsman
- Other

D.T.
703-305-4827



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26M2/0122

**NOTICE OF ALLOWANCE
AND ISSUE FEE DUE**

- ☒ Note attached communication from the Examiner
☐ This notice is issued in view of applicant's communication filed

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/532,383	09/22/95	009	TU, D	2611 01/22/97
First Named Applicant	WEILAND, ANA L.			

TITLE OF INVENTION
REVERSE LINK, TRANSMIT POWER CORRECTION AND LIMITATION IN A
RADIOTELEPHONE SYSTEM

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 00FA101D1A	713-069.000	172	UTILITY	NO	\$1290.00	04/22/97

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY Status shown above.
If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
 - B. If the Status is the same, pay the FEE DUE shown above.

- If the SMALL ENTITY is shown as NO:
- A. Pay FEE DUE shown above, or
 - B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.

- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.
- III. All communications regarding this application must give series code (or filing date), serial number and batch number. Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Serial Number: 08/532,383

#14/E

Page 2

Art Unit: 2611

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. R. Martin on 1/14/97.

2. The application has been amended as follows:

IN THE SPECIFICATION:

The following change has been made: "This is a Divisional of application..." has been replaced with --This is a continuation of application Serial No. 08/406,432, filed March 20, 1995 now abandoned, which is a Divisional of application Serial No. 08/203, 151, filed February 28, 1994 now U.S. Patent No. 5,452,473. +A

IN THE CLAIMS:

E1
concl

18

Art Unit: 2611

Claim 18, line 7, "." has been deleted.

3. The following is an examiner's statement of reasons for allowance:

As to claims 12 and 18-20, the combination of generating a limiting gain control setting in response to the closed loop power control value and the power level, and combining the closed loop power control value, the power level and the limiting gain control setting to generate a gain control signal were not taught nor suggested in the prior art.

As to claims 13-14, the combination of comparing the summation signal (wherein the summation signal is a combination of the received power level signal and the closed loop power control signal) to the maximum gain setting and adjusting the variable gain amplifier based upon the comparison outcome were not taught nor suggested in the prior art.

As to claim 15, the combination of comparing the digitized received power level signal to the maximum gain setting, decreasing the gain of the amplifier and prohibiting the closed loop power control signal from changing if the digitized received

Art Unit: 2611

power level signal is greater than the maximum gain setting were not found nor suggested in the prior art.

As to claim 16, the combination of comparing the digitized received power level signal to the maximum gain setting and decreasing the closed loop power control signal by a predetermined amount for every predetermined unit of time until the closed loop power is less than the maximum gain setting depended upon the comparison outcome and varying the gain of the variable gain amplifier in response to the closed loop power control signal depended upon the comparison outcome were not found nor suggested in the prior art.

As to claim 17, the combination of determining the difference between the digitized received power level signal and the maximum gain setting, integrating the difference to generate a gain control signal, adjusting the variable gain amplifier with the gain control signal and prohibiting the closed loop power control signal from changing the variable gain amplifier in response to the power control commands if the gain control signal is less than a predetermined value were not found nor suggested in the prior art.

Art Unit: 2611

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. In view of the papers filed 9/22/95, it has been found that this non-provisional application, as filed, through error and without deceptive intent, improperly set forth the inventorship, and accordingly, this application has been corrected in compliance with 37 CFR 1.48(b). The inventorship of this application has been changed by deleting Richard J. Kerr and Nathaniel B. Wilson as inventors of the instant application.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Black et al discloses a power amplifier saturation detection and correction method and apparatus. [US 5,278,994]

Art Unit: 2611

Gilhousen et al discloses a method and apparatus for controlling transmission power in a CDMA Cellular Mobile Telephone System. [US 5,056,109]

Kato discloses a communication apparatus. [US 5,199,045]

Ling discloses a method and apparatus for power estimation in an orthogonal coded communication system. [US 5,297,161]

Weiland et al discloses a reverse link, transmit power correction and limitation in a radiotelephone system (Parent case 08/203,151). [US 5,452,473]

Weiland et al discloses a reverse link, transmit power correction and limitation in a radiotelephone system (Divisional case 08/407,543). [US 5,590,408]

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. To whose telephone number is (703) 305-4827.

D. To

D. To
January 15, 1997

Reinhard J. Eisenzopf
Reinhard J. Eisenzopf 1-19-97
Supervisory Patent Examiner
Group 260